

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"2003282642"	JPO	ADJ	ON	2007/10/12 16:39
S2	290	(haji hiroshi).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/12 16:40
S3	5	(haji hiroshi toshiro).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/10/12 16:40
S4	7	("20030110610"   "5695667"   "5839187"   "5840594"   "5872051"   "6759738"   "6789720").PN. OR ("7033842").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 16:42
S5	2	"7033842".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/12 18:15
S6	1	image adj sensor handling	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/12 17:28
S7	546	image adj sensor same handling	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/12 17:28
S8	38	S7 and "438"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/12 17:30

## EAST Search History

S9	183	438/6.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/12 17:32
S10	386	228/19.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/12 17:33
S11	149	438/616.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/12 17:35
S12	2097	257/690.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/12 17:35
S13	486	198/346.2.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/12 18:44
S14	50	198/346.2.ccls. and inspection	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/12 18:44
S15	22	(handling inverting test\$3).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/10/30 10:50
S16	2	"20070206967"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/10/30 13:26

## EAST Search History

S17	0	324/758,158.1.ccls	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/10/30 13:26
S18	7121	324/758,158.1.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/10/30 13:26
S19	712	S18 and handling	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/10/30 13:26
S20	367	S19 and (invert\$3 or flip\$4 or turn\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/10/30 13:27
S21	20	("5307011").PN. OR ("5788084"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/30 16:44
S22	7	("4956605"   "5189363"   "5510724"   "5561386"   "5578919"   "5614837").PN. OR ("5952841"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/30 16:45
S23	7	("5307011"   "5621312"   "5635832"   "6184675"   "6259247"   "6406246"   "6563331").PN. OR ("7268534").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/30 16:48
S24	23	(US-20030177633-\$ or US-20060158179-\$ or US-20040046545-\$ or US-20050168214-\$ or US-20040143411-\$ or US-20020135356-\$ or US-20060152211-\$).did. or (US-7033842-\$ or US-5668032-\$ or US-6309279-\$ or US-5796264-\$ or US-6876191-\$ or US-5788084-\$ or US-5952841-\$ or US-5307011-\$ or US-6104204-\$ or US-6104183-\$ or US-5812409-\$ or US-7268534-\$ or US-5461324-\$ or US-5663654-\$ or US-5614837-\$).did. or (JP-2003282640-\$).did.	US-PGPUB; USPAT; JPO	ADJ	ON	2007/10/30 16:56

## EAST Search History

S25	534	324/158.1.ccls. and handling	US-PGPUB; USPAT; JPO	ADJ	ON	2007/10/30 16:56
S26	113	S25 and (invert\$4 or flip\$4 or turn with around)	US-PGPUB; USPAT; JPO	ADJ	ON	2007/10/30 17:02
S27	18451	"324"/\$.ccls. and (invert\$4 or flip\$4 or turn with around)	US-PGPUB; USPAT; JPO	ADJ	ON	2007/10/30 17:02
S28	18451	"324"/\$.ccls. and (invert\$4 or flip\$4 or turn with around)	US-PGPUB; USPAT; JPO	ADJ	ON	2007/10/30 17:02
S29	1358	"324"/\$.ccls. and (invert\$4 or flip\$4 or turn with around) and handling	US-PGPUB; USPAT; JPO	ADJ	ON	2007/10/30 17:50
S30	5	S29 and flipper	US-PGPUB; USPAT; JPO	ADJ	ON	2007/10/30 17:04
S31	0	S29 and fliper	US-PGPUB; USPAT; JPO	ADJ	ON	2007/10/30 17:04
S32	4	S29 and revolve	US-PGPUB; USPAT; JPO	ADJ	ON	2007/10/30 17:04
S33	64	S29 and suction	US-PGPUB; USPAT; JPO	ADJ	ON	2007/10/30 17:50
S34	623	"324"/\$.ccls. and (invert\$4 or flip\$4 or turn with around) and handl\$4 and optical	US-PGPUB; USPAT; JPO	ADJ	ON	2007/10/30 18:07
S35	1	"20070206967"	US-PGPUB; USPAT; JPO	ADJ	ON	2007/10/30 18:07
S36	0	324/ccls. and (ccd or cmos or cads with sensor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/10/31 13:16
S37	3639	"324"/\$.ccls. and (ccd or cmos or cads with sensor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/10/31 13:16

## EAST Search History

S38	10	"324"/772.ccls. and (ccd or cmos or cads with sensor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/10/31 13:17
S39	351	S37 and handling	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/10/31 13:17
S40	172	S39 and light	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/10/31 13:56
S41	2	"5640101".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/31 14:24
S42	10045	advantest.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/31 14:25
S43	146	S42 and ccd	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/31 14:47
S44	46	S42 and ccd	USPAT	ADJ	ON	2007/10/31 14:26
S45	2	"6882141".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/31 14:47
S46	10	("20020179903"   "20030006416"   "20030183818"   "4422547"   "5319655"   "5600130"   "5739585"   "5920587"   "6097748"   "6566669").PN. OR ("7253443").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/31 15:48

## EAST Search History

S47	10	("20020179903"   "20030006416"   "20030183818"   "4422547"   "5319655"   "5600130"   "5739585"   "5920587"   "6097748"   "6566669").PN. OR ("7253443").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/31 15:48
S48	30	(US-20020011863-\$ or US-20030177633-\$ or US-20050151551-\$ or US-20050007135-\$ or US-20060119347-\$).did. or (US-7033842-\$ or US-7268534-\$ or US-5955877-\$ or US-5788084-\$ or US-5952841-\$ or US-5812409-\$ or US-6806725-\$ or US-6257319-\$ or US-4802143-\$ or US-6313653-\$ or US-5742173-\$ or US-6252412-\$ or US-7196782-\$ or US-6359454-\$ or US-5644245-\$ or US-6686753-\$ or US-5999005-\$ or US-6184675-\$ or US-6259247-\$ or US-7193728-\$ or US-7253443-\$).did. or (JP-2003282640-\$ or JP-05297060-\$).did. or (EP-675366-\$ or WO-2003075025-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2007/10/31 16:30
S49	27	S48 and contact	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2007/10/31 16:51
S50	311	mirae.as. and handler	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2007/10/31 16:52
S51	32	mirae.as. and handler and sort\$3	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2007/10/31 16:52
S52	7	("5307011"   "5621312"   "5635832"   "6184675"   "6259247"   "6406246"   "6563331").PN. OR ("7268534").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/31 16:53
S53	21	("5184068"   "5313156"   "5650732"   "5865319"   "6104183"   "6313652"   "6314332").PN. OR ("6563331").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/31 16:55

## EAST Search History

S54	2	"5952841".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/11/01 09:45
S55	31	(US-20050151551-\$ or US-20050007135-\$ or US-20060119347-\$ or US-20020011863-\$ or US-20030177633-\$).did. or (US-7196782-\$ or US-6686753-\$ or US-6252412-\$ or US-6359454-\$ or US-5742173-\$ or US-5999005-\$ or US-5644245-\$ or US-7253443-\$ or US-7193728-\$ or US-6259247-\$ or US-6184675-\$ or US-7268534-\$ or US-6806725-\$ or US-6313653-\$ or US-6257319-\$ or US-5952841-\$ or US-5812409-\$ or US-7033842-\$ or US-4802143-\$ or US-5955877-\$ or US-5788084-\$ or US-6406246-\$). did. or (JP-05297060-\$ or JP-2003282640-\$).did. or (EP-675366-\$ or WO-2003075025-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2007/11/01 09:46
S56	142946	"31" and suction	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2007/11/01 09:47
S57	10	S55 and (suction\$3 or vacuum\$3) not advantest.as.	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2007/11/01 11:13
S58	28	"324"/\$.ccls. and suction adj cup and handling	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2007/11/01 11:13
S59	41	"324"/\$.ccls. and suction adj (nozzle or cup) and handling	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2007/11/01 11:43
S60	82	suction adj (nozzle or cup) with advantage and handling	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2007/11/01 12:25
S61	2	"4454585".pn.	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2007/11/01 12:26

## EAST Search History

S62	2	"5289113".pn.	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2007/11/01 12:26
S63	29	((("4942358") or ("5189759") or ("3510759") or ("4510673") or ("5289113") or ("5031152") or ("4127768") or ("4672534") or ("5315553") or ("5003251") or ("4967143") or ("5206582"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/01 13:02
S64	0	("7298156.pn.").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/01 13:02
S65	0	"7298156".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/01 13:02
S66	3	"6313653".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/01 13:04
S67	59	(inversion and light and image and sensor).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/01 13:14
S68	7	(inversion and light and image and test).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/01 13:16
S69	8239	image adj sensor and test	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/01 13:17



## EAST Search History

S70	610	image adj sensor same light same test	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/01 13:17
S71	447	S70 and optical	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/01 13:17
S72	124	image adj sensor same light same test with optical	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/01 13:17
S73	121	S72 not advantest	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/01 15:16
S74	0	324/774.ccls. and laser and camera and test.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/01 15:16
S75	36	324/765.ccls. and laser and camera and test.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/01 15:22
S76	2	"324"/\$.ccls. and laser and camera and test.ab. and ((ccd or cmos or cads) adj sensor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/01 15:24
S77	51	laser and camera and test.ab. and ((ccd or cmos or cads) adj sensor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/01 15:24

## EAST Search History

S78	3	"6313653".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/11/07 15:31
S79	2	"4942358".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/11/07 15:31
S80	2	"5198759".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/11/07 15:33
S81	25	((("3510759") or ("4510673") or ("5289113") or ("5031152") or ("4127768") or ("4672534") or ("5315553") or ("5003251") or ("4967143") or ("5206582"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/07 15:35
S82	0	324/774.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/07 15:36
S83	1045	324/763.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/07 15:37
S84	472	324/770.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/07 15:37
S85	84	S84 and laser	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/07 15:59

## EAST Search History

S86	1479	"324"/\$.ccls. and (photo adj detector or photodetector)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/07 15:59
S87	106	"324"/\$.ccls. and (photo adj detector or photodetector) with test\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/07 19:51
S88	2	"6563331".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/07 19:51
S89	38	(US-20030177633-\$ or US-20020011863-\$ or US-20050151551-\$ or US-20050007135-\$ or US-20060119347-\$ or US-20070159190-\$).did. or (US-6406246-\$ or US-6259247-\$ or US-7033842-\$ or US-7268534-\$ or US-5952841-\$ or US-5812409-\$ or US-5788084-\$ or US-5644245-\$ or US-5955877-\$ or US-5742173-\$ or US-4802143-\$ or US-6184675-\$ or US-6313653-\$ or US-6257319-\$ or US-6806725-\$ or US-7196782-\$ or US-6359454-\$ or US-6252412-\$ or US-5999005-\$ or US-6686753-\$ or US-7193728-\$ or US-7253443-\$ or US-4510673-\$ or US-7133550-\$ or US-6310680-\$ or US-5406194-\$). did. or (US-5150043-\$ or US-5465043-\$).did. or (JP-2003282640-\$ or JP-05297060-\$).did. or (EP-675366-\$ or WO-2003075025-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2007/11/07 19:52
S90	0	S89 and suction nozzle	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2007/11/07 19:52
S91	5	S89 and nozzle	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2007/11/07 19:57

## EAST Search History

S92	3	"6313653".pn.	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2007/11/07 19:59
S93	1007	suction adj nozzle and handling	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2007/11/07 19:59
S94	122	S93 and semiconductor	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2007/11/07 19:59
S95	39	(US-20030177633-\$ or US-20020011863-\$ or US-20050151551-\$ or US-20050007135-\$ or US-20060119347-\$ or US-20070159190-\$).did. or (US-6406246-\$ or US-6259247-\$ or US-7033842-\$ or US-7268534-\$ or US-5952841-\$ or US-5812409-\$ or US-5788084-\$ or US-5644245-\$ or US-5955877-\$ or US-5742173-\$ or US-4802143-\$ or US-6184675-\$ or US-6313653-\$ or US-6257319-\$ or US-6806725-\$ or US-7196782-\$ or US-6359454-\$ or US-6252412-\$ or US-5999005-\$ or US-6686753-\$ or US-7193728-\$ or US-7253443-\$ or US-4510673-\$ or US-7133550-\$ or US-6310680-\$ or US-5406194-\$). did. or (US-5150043-\$ or US-5465043-\$).did. or (JP-2003282640-\$ or JP-05297060-\$).did. or (EP-675366-\$ or WO-2003075025-\$ or JP-11352181-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2007/11/07 20:23
S96	1535	holder with exchangeable	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/11/08 09:45
S97	3	S96 and "324"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/11/08 09:41

## EAST Search History

S98	3	S96 and tester.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/11/08 09:42
S99	18	S96 and test.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/11/08 09:42
S10 0	246	handling with exchangeable	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/11/08 09:45
S10 1	24	S100 and test	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/11/08 09:45
S10 2	88	exchangeable with part\$1 same test\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/08 09:47

## EAST Search History

S10 3	39	(US-20070159190-\$ or US-20050007135-\$ or US-20060119347-\$ or US-20050151551-\$ or US-20030177633-\$ or US-20020011863-\$).did. or (US-7196782-\$ or US-7268534-\$ or US-7253443-\$ or US-7033842-\$ or US-7193728-\$ or US-7133550-\$ or US-6806725-\$ or US-6686753-\$ or US-6406246-\$ or US-6359454-\$ or US-6313653-\$ or US-6310680-\$ or US-6259247-\$ or US-6257319-\$ or US-6184675-\$ or US-6252412-\$ or US-5952841-\$ or US-5999005-\$ or US-5955877-\$ or US-5788084-\$ or US-5812409-\$ or US-5644245-\$ or US-5742173-\$ or US-5465043-\$ or US-5406194-\$ or US-5150043-\$). did. or (US-4802143-\$ or US-4510673-\$).did. or (JP-05297060-\$ or JP-2003282640-\$).did. or (WO-2003075025-\$ or EP-675366-\$ or JP-11352181-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2007/11/08 10:10
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